

DEPARTMENT OF
DEFENSE, VETERANS AND EMERGENCY MANAGEMENT
Military Bureau
Headquarters, Maine National Guard
Camp Keyes, Augusta, Maine 04333-0033

19 June 2017

TECHNICIAN POSITION VACANCY ANNOUNCEMENT 17-097

POSITION: IT Specialist (ENTARCH) (D2358000) (GS-2210-09/11)

LOCATION: 243rd Engineering Installation Squadron, South Portland, Maine

SALARY RANGE:

\$56,955 to \$74,036 per annum **GS-09**

\$66,317 to \$86,208 per annum **GS-11**

CLOSING DATE: 14 July 2017

AREA OF CONSIDERATION:

AREA I: All permanent and indefinite Enlisted (**E7 & Below**) Excepted Technicians in the Maine Air National Guard and personnel with reemployment rights to MeANG positions.

AREA II: All Enlisted members (**E7 & Below**) in the Maine Air National Guard.

DUTIES: See attached duties and responsibilities.

MINIMUM QUALIFICATION REQUIREMENTS: Each applicant must show how they meet the General and Specialized Experience listed below; otherwise, the applicant may lose consideration for this job.

GENERAL EXPERIENCE: Experience, education, or training which provided a familiarity with electronics equipment; testing procedures and techniques; ability to read and understand simple specifications, instructions, and procedures and to use high school level mathematics.

SPECIALIZED EXPERIENCE:

GS-09

For the GS-09 level, must have at least 24 months experience, education, or training in analysis of the interrelationship of pertinent components of the system. Experience planning the sequence of actions necessary to accomplish the assignment. Experience scheduling the sequence of programs to be processed by computers where alternatives had to be weighed with a view to production efficiency.

1. Ability to interface with internal and external customers of varied backgrounds.

2. Skill in configuring and, installing, and maintaining IP based systems.
3. Ability to use electronic test equipment, tools, procedures and applications.
4. Ability to integrate changing industry technology into the squadron.

GS-11

For the GS-11 level, must have at least 36 months of experience, education, or training that approaches techniques and requirements appropriate to an assigned computer applications area or computer specialty area in an organization. Experience planning the sequence of actions necessary to accomplish the assignment where this entailed coordination with others outside the organizational unit and development of project controls. Experience that required adaptations of guidelines or precedents to meet the needs of the assignment. Experience preparing documentation on cost/benefit studies where is involved summarizing the material and organizing it in a logical fashion.

1. Knowledge of the capabilities, limitations, operations/design characteristics and functional use of a variety of types and models of communications-electronic equipment and systems.
2. Knowledge of Air Force training management and documentation, especially AF Form 623 and Career Field Education and Training Plans (CFETP) and TBA/IMDS.
3. Knowledge of and ability to use electronic test equipment, tools, procedures and applications.
4. Knowledge of and ability to integrate changing industry technology into the squadron.

ADDITIONAL REQUIREMENT: The position is an IASAE level 2 position. As a condition of employment, individuals have 6 months in which to complete (for the level and grade at which the person is serving) mandated by DoD Career Development Program for Information Assurance Workforce Improvement Program (DoD 8750.01M).

COMPATIBILITY CRITERIA: AFSC: 3DXXX, 1CXXX

NOTE: If you do not possess the compatible AFSC, you will not be disqualified from being considered. Selected applicant must be prepared to attend the appropriate school.

MILITARY ASSIGNMENT: 3DXXX, 1CXXX

HOW TO APPLY: Detailed instructions are contained in an Instruction Guide titled "Technician Vacancy Announcement Guide" which should be posted with this vacancy announcement. Applicants may apply using the OF Form 612 Optional Application for Federal Employment, a resume, or any other format they choose. In addition to their basic application, applicants are strongly encouraged to complete ME Form 171, Military Experience and Training Supplement. Applications forwarded to HRO should be no more than eight (8) pages although additional pages may be submitted as necessary. Applications should include written or documented proof of education, training, and work experience deemed necessary to adequately respond to general and specialized experience factors listed in the TPVA. Professional licenses

or education transcripts necessary to validate qualifications should be submitted as required in the TPVA. Do not include photo copies of awards (a military ribbon rack or civilian certificate), letters of commendation, enlisted or officer performance reports, Technician performance appraisals, and personal photos unless specifically requested in the TPVA". Applications must be forwarded to: Joint Force Headquarters, ATTN: HRO, Camp Keyes, Augusta, Maine 04333-0033, NOT LATER THAN the closing date. Applications received AFTER the closing date WILL NOT BE CONSIDERED. The use of government envelopes, postage or facsimile machines to submit applications is prohibited. We are allowed to receive facsimiles sent from non-government facsimile machines. The inter-office distribution system may be used. You may also e-mail it to: ng.me.mearng.list.hro-applications@mail.mil.

APPOINTMENT: Selectee will be required to participate in Direct Deposit/Electronic Funds Transfer as a condition of employment. The Adjutant General retains exclusive appointment authority for Technicians. No commitment will be made to any nominee prior to a review of qualifications by this office. The Maine National Guard is an Equal Opportunity Employer. All appointments and promotions will be made without regard to race, color, creed, sex, age or national origin.

DISSEMINATION: Supervisors/Commanders please post to bulletin boards, read at unit formations and notify personnel who may be interested. Qualified personnel who may be absent during this announcement period due to ADT, AT, TDY, school, illness, etc., should be notified.

WORK: DSN 626-6019/COM (207) 430-6019 FAX: DSN 626-4246/COM (207) 626-4246

FOR THE HUMAN RESOURCES OFFICER:

//s//
CARA E. MacVANE
SGT, MEARNG
Human Resources Specialist
(Recruitment & Placement/Compensation)

This position is located in the Air National Guard (ANG) Engineering Installation Squadron, (EIS), Engineering and Installations Sections whose mission is to engineer, install, remove, and/or perform maintenance on information technology (IT) infrastructure throughout various types and levels of organizations. This is an Air National Guard (ANG) Dual Status Technician position requiring military membership, compatible military skill assignment, and classification. The primary purpose of the position is to provide highly technical expertise to a wide variety of customers to ensure enterprise-level IT solutions are developed and implemented in line with customers' strategic goals. This position requires knowledge and conceptual understanding of existing and theoretical enterprise architectures with the expertise and highly developed communication skills to bridge the gap of understanding when communicating technical solutions to customers at various levels of leadership. Specific responsibilities include translating customer requests for capabilities into IT requirements, conceptual planning, integrating technology sources Government Off The Shelf, Commercial Off The Shelf (GOTS/COTS) into high performing, fully integrated IT enterprise solutions.

1. Provides IT engineering and installation services to DoD, MAJCOM, NGB and base level customers. Performs IT architectural design and engineering work for complete IT systems, downward directed programs/systems, Internet Protocol (IP)-based systems and circuits, one-of-a-kind systems, routine upgrades, and system enhancements. Analyzes capabilities and performance, identifies problems, and directs corrective actions to provide seamless integration, proper configuration, operation, defense, restoration, and improvements. Deploys, sustains, troubleshoots and repairs standard voice, data and video network infrastructure systems, IP detection systems and cryptographic equipment. Directs activities for installing, maintaining, repairing, overhauling, deploying, and modifying cyberspace systems and equipment platforms and evaluates facilities layout and performance standards. Researches, interprets and applies appropriate technical and policy guidance for each assigned project. Ensures downward directed IT projects/programs integrate with existing infrastructures.
2. Manages and directs engineering and installations training and operations in garrison and at deployed locations by performing duties to develop, sustain, and enhance network and electromagnetic capabilities to defend national interests from attack. Ensures personnel are trained, equipped, and available to perform the assigned mission. Conducts career field development and mentoring for subordinate cyberspace support personnel. Plans and organizes cyberspace support activities. Determines equipment, training and supplies required for systems implementation and support. Establishes tactics, techniques and procedures. Ensures work standards are maintained. Organizes teams that use methodologies to meet mission requirements. Organizes and participates in mission implementation and conversion. Ensures continued interface between functional users, and programming and operations personnel for implemented systems. Performs administrative support for function personnel including requesting special orders, making travel arrangements and assembling data to support engineering efforts. Requests, evaluates, and selects engineering workload to meet function training and proficiency requirements. Ensures compliance with standards for systems documentation.
3. Produces IT architectural installation project packages. Coordinates project requirements operability, compatibility, and cost effectiveness of the proposed technical solution. Directs

activities responsible for system analysis and design, programming, operations and maintenance, security, systems management, technical support, plans, implementation, and resource management. Researches, interprets, and implements policies, directives, and procedures to ensure proposed requirement(s) conform to policies, standards, and guidelines. Develops detailed design specifications. Identifies source of major equipment items and necessary logistical lead-time required. Advises the CSO on potential problems or delays. Coordinates project requirements and assignment of project identification numbers with project manager. Ensures project package is published and distributed. Reviews, recommends, and implements changes to communications-computer systems installations records (CSIR), technical data, engineering drawings, and equipment wiring diagrams. Reviews assigned projects for environmental considerations. Applies communications security programs to include physical, cryptographic, transmission, and emission security. Develops and ensures compliance with safety standards and instructions. Ensures required studies and tests such as electro-magnetic compatibility, electro-magnetic radiation hazards, TEMPEST, are performed and included in final IT project package. Recommends solutions to electromagnetic compatibility problems.

4. Configures, installs, maintains, reconstitutes, removes, relocates, overhauls, and modifies IP based systems, circuits, and intrusion detection systems, physical and wireless Local Area Networks (LAN), Wide Area Networks (WAN), ground radio, satellite, and telemetry communications, command and control, weather, ground aircraft control and warning radar systems, air traffic control radio, meteorological and navigational aid systems, and airfield systems and other equipment platforms. Manages infrastructure devices and systems using the latest approved software tools. Applies communications security programs to include physical, cryptographic, transmission, and emission security. Interprets sketches, schematics, and layout drawings to ensure distribution systems are properly placed. Uses drawings, task lists, instructions, and technical data to work on copper core, coaxial, waveguide, fiber optic cable and antenna systems. Installs distribution equipment. Checks equipment for serviceability prior to installation. Ensures equipment and components meet installation practice technical order and accepted commercial installation specifications. Terminates copper core and fiber optic cables on main distribution frames and interface equipment. Configures, assembles, connects, secures, and interconnects components such as routers, switches, transmitters, power supplies, and antenna assemblies. Fabricates and connects various types of antenna systems and transmission lines. Installs media and protected distribution systems (PDS). Manages and tests installed infrastructure devices and equipment for proper configuration using latest approved software. Ensures proper assembly of components and compliance with technical orders, uses bench mockups, and related test equipment. Places in operation and configures, tunes, adjusts, and aligns components to obtain maximum operating efficiency. Identifies and locates Radio Frequency (RF) interference sources. Deploys and activates fixed, mobile, and transportable transmission equipment. Refers to plans and equipment specifications to conduct site and equipment surveys, and establishes equipment systems interface. Unpacks, inspects, and positions communications equipment; erects antennas; and interconnects communications facilities. Climbs antenna support structures and wooden poles to various heights for maintenance and installation actions on cable and antenna systems. Repairs, overhauls, and modifies communications and related equipment. Isolates faults and malfunctions using latest software, system checking procedures, required test equipment, analyzing voltage and waveform measurements, schematic diagrams, equipment operating characteristics. Repairs equipment, including transmitters, receivers, transceivers, and related equipment. Tunes and

adjusts components. Adjusts, aligns, and calibrates equipment for maximum operating efficiency. Operates and performs maintenance on tools, test equipment, and auxiliary equipment. Operates vehicles such as backhoes, trenchers, cable trailers, cable reel trucks, and antenna construction vehicles.

5. Conducts on-site engineering surveys to gather specific project information. Prepares reports on maintaining, installing, repairing, removing, and siting of IP-based systems, circuits, and intrusion detection systems, physical and wireless Local Area Networks (LAN), Wide Area Networks (WAN), ground radio, satellite, and telemetry communications, command and control, weather, ground aircraft control and warning radar systems, air traffic control radio, meteorological and navigational aid systems, and airfield systems and other equipment platforms. Prepares sketches, drawings, and lists of material. Uses various surveying instruments and measuring devices to validate system feasibility and layout. Performs surveying duties. Conducts reconnaissance, site location, construction, and mapping surveys Utilizing auto-levels, electronic total stations, resource and survey grade Global Positioning System (GPS) equipment and related instruments to complete surveys. Performs Geographic Information System (GIS) duties. Produces installation maps using a GIS interface. Creates and maintains spatial, tabular and metadata to national standards. Combines disparate datasets from various organizations, with various projections and precisions. Evaluates and resolves problems encountered during siting, installing, repairing, IT and ground radar systems. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems, and analyzes construction and operating characteristics of equipment to determine source of malfunction. Ensures that engineering surveys are accurate and complete.
6. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Determines and coordinates project support requirements with installation or base dependencies such as Civil Engineering. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance management publications and procedures. Identifies problem areas and recommends corrective action. Resolves problems or questions during installation phase of IT engineered projects. Develops, coordinates, approves and publishes formal project changes and/or amendments to accommodate mission requirements or customer/installation team needs. Utilizes geospatial software programs to ensure accuracy of on-site plans, designs, and identify physical considerations.
7. Performs other duties as assigned